

DISK DRIVE EMPLOYING BEMF SPINDLE SPEED CONTROL OR WEDGE SPINDLE SPEED CONTROL

ABSTRACT OF THE DISCLOSURE

5 A disk drive is disclosed employing either back electromotive force (BEMF) spindle
6 speed control or wedge spindle speed control. The BEMF spindle speed control is used to
7 calibrate a reference time period representing an accumulation of a predetermined number of
8 wedge-to-wedge times. During wedge spindle speed control, a wedge time period representing
9 an accumulation of a predetermined number of wedge-to-wedge times is measured, and a wedge
10 speed error is computed as the difference between the reference time period and the wedge time
11 period.